

### REMARKS

In the Office Action, the Examiner rejected claims 1-5 under 35 USC 103, and rejected claims 7, 8, 11-13, 22, 23, 25-27 and 32-34 under 35 USC 103. In addition, the Examiner stated that claims 6, 9, 10, 14-16, 20, 21, 24, 28-31 and 35 contained allowable subject matter.

In order to expedite the allowance of this application, Applicants have placed the application in condition for allowance by canceling claims 2, 9, 11-13, 14, 23, 24 and 26, and amending claims 1, 5, 6, 7, 8, 10, 15, 20, 22, 25, 27, 28, 30, 32 and 35. In particular, claim 1 now includes limitations similar to allowable claim 10; claim 5 now includes the limitations of claim 2 to reduce the number of claims, allowable claim 6 is placed in independent form; claim 7 now includes an activity detector in a manner similar to allowable claim 10; claim 8 is modified to improve its form; claim 10 now includes only the portion not placed in claim 7; allowable claim 15 is placed in independent form; claim 22 replaces allowable claim 24; claim 27 depends from an allowable claim; claims 28 and 30 are placed in

independent form; and claim 32 now includes limitations similar to other allowable claims. Further, new claims 36-44 depend from allowable claims. Accordingly, it is submitted that all pending claims 1, 3-8, 10, 15, 16, 20-22, 25, and 27-44 are in condition for allowance.

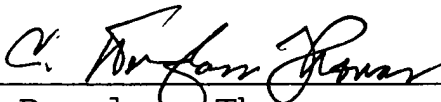
Further, although Applicants have placed the application in condition for allowance, Applicants do not agree, admit or otherwise acquiescence to the Examiner's rejections of certain of the claims under 35 USC 102 and 103 based on Nakai. Indeed, it is submitted that Nakai, alone or in combination with other art of record, fails to teach or suggest the features of the claimed invention.

Therefore, it is submitted that the claimed invention in condition for allowance. It is respectfully requested that the Examiner reconsider the application and issue an early Notice of Allowance.

If there are any issues remaining which the Examiner believes could be resolved through either a Supplemental Response or an Examiner's Amendment, the Examiner is

respectfully requested to contact the undersigned  
attorney at the exchange listed below.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "C. Douglass Thomas", is written over a horizontal line.

C. Douglass Thomas

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Date: 9/16/96

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